

LUKOIL STABIO SYNTHETIC 46, 68

Compressor Oils

APPROVALS

ATMOS Chrast (ISO VG 46)
TM.C. S.p.A. – Termomeccanica Compressori
 (ISO VG 46)
Rotorcomp Verdichter GmbH (ISO VG 46)
KUPER (ISO VG 68)

MEETS REQUIREMENTS

DIN 51506 VDL
DIN 51524 part II
ISO 6743-3A DAJ
SAE M 1003-2

PRODUCT DESCRIPTION

LUKOIL STABIO SYNTHETIC is a series of high quality compressor oils manufactured on synthetic base oils and high-performance additives package. The oils are designed to meet the latest requirements to lubricants for modern oil-filled high power air and/or natural gases screw compressors as well as for circulating lubrication systems operating under high temperatures. The lubricants demonstrate excellent performance under extremely low temperatures. Result from balanced viscosity-temperature behavior the lubricants provides constant pressure into hydraulic circuit. The oils provide easy start-up at low temperatures.

LUKOIL STABIO SYNTHETIC ensures excellent protection against oxidation, wear and corrosion, reduction of sludge and deposits formation in compressor discharge lines.

FEATURES AND BENEFITS

- Remarkable reduction of deposits formation
- Improved oil/air and oil/condensates separation
- Reliable protection of compressor assemblies against wear and corrosion
- Outstanding thermal and oxidation stability and hence increased drain interval

The use of **LUKOIL STABIO SYNTHETIC** allows remarkably reduce operation costs of the compressed air production facility by optimizing the compressor efficiency.

The product name in an order:

Compressor oil LUKOIL STABIO SYNTHETIC 46, STO 79345251-018-2009

Compressor oil LUKOIL STABIO SYNTHETIC 68, STO 79345251-018-2009

TYPICAL TEST DATA

PROPERTY	Test method	LUKOIL STABIO SYNTHETIC	
		46	68
ISO VG		46	68
Density at 15°C, kg/m ³	GOST R 51069 / ASTM D4052 / ASTM D1298	855.1	856.8
Kinematic Viscosity at 40 °C, mm ² /s	GOST 33 / ASTM D445	45.3	61.6
Kinematic Viscosity at 100 °C, mm ² /s	GOST 33 / ASTM D445	7.4	9.4
Viscosity index	GOST 25371 / ASTM D2270	133	134
Flash Point, COC, °C	GOST 4333 / ASTM D92	244	240
Pour Point, °C	GOST 20287 B	- 39	-38
Tribological properties on four-ball machine: -Wear scar diameter (1h, 196 N, 75°C), mm	GOST 9490	0.32	-
Foaming Tendency/ Foam Stability			
-at 24°C, ml	ASTM D892	0/0	0/0
-at 94°C, ml		0/0	0/0
-at 24°C (after test at 94°C), ml		0/0	0/0

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International".